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Patent Abstracts of Japan

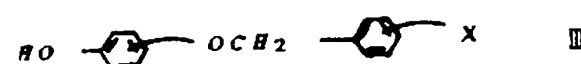
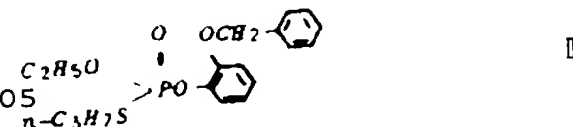
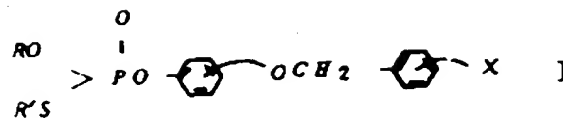
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 PATENTEE : KUMIAI CHEM IND CO LTD
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INVENTOR : FUJIMORI KUNIHICO; others: 05

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TITLE : ORGANIC PHOSPHATE
 DERIVATIVE, ITS PREPARATION,
 AND GERMICIDE, INSECTICIDE
 AND ACARICIDE CONTAINING IT



ABSTRACT : NEW MATERIAL: An organic phosphate derivative expressed by formula I (R and R' are alkyl groups; X is H, halogen alkyl, alkoxy, alkylthio, cyano or trifluoromethyl group).
 EXAMPLE: O-Ethyl O-(2-benzyloxyphenyl) S-n-propyl phosphorothiolate of formula II.
 USE: A germicide, insecticide, and acaricide against injurious insects, mites and sanitary injurious insects and blast of a rice plant.
 PROCESS: An O-alkyl S-alkylthiolphosphoric acid halide is reacted with a benzyloxyphenol of formula III in the presence of a solvent and a tertiary amine as an acid acceptor at -10-50 deg.C for 1-20hr.